A method for combating the tracking of a mobile transceiver, comprising at the mobile transceiver: enabling, until a first time, the transmission of a radio packet that depends upon a first anonymous address; enabling, from a second time, the transmission of a radio packet that depends upon a second anonymous address; and disabling, between the first time and the second time, the transmission of a radio packet that depends upon either the first anonymous address or the second anonymous address. Also described is a method for combating the tracking of a mobile transceiver, comprising at the mobile transceiver: transmitting, until a first time, radio packets that depend upon a first anonymous address; transmitting, from a second time, radio packets that depend upon a second anonymous address; and transmitting, between the first time and the second time, radio packets that depend on neither the first anonymous address nor the second anonymous address.